

MR-1 REPORT CHECK OFF LISTCompany : **ANDARN ELECTRO SERVICE**SCP # : **27400442**Address : **72 Michigan Avenue Paterson, N.J. 07503**Contact : **Dan Patel**

1. Category 40 CFR 413.44, 54, 64 Sub. D, E, & F
2. **Month of October 1, 2008 thru October 31, 2008**
3. Is Permit # Correct? ☒ Y N N/A
4. Is regulated flow stated in space provided? ☒ Y N N/A
5. Total flow provided in proper space? ☒ Y N N/A
6. Is method used to calculate water stated,? ☒ Y N N/A
7. Are number of working days stated ? ☒ Y N N/A
8. Are there any parameters which have exceeded a daily maximum limit or could cause the company to be out of compliance with a monthly or 4-day average ? Y ☒ N N/A
- 8a Are any non-detectable results higher than the permit limits ? Y ☒ N N/A
- 8b If the answer to 8a was yes. did the company submit any documentation in support of compliance ? Y N ☒ N/A
9. Is proper compliance/non-compliance statement provided ? ☒ Y N N/A
10. If applicable is compliance schedule submitted ? Y N ☒ N/A
11. Is combined waste stream formula required ? Y N ☒ N/A
12. If combined waste stream formula was used, have calculations been submitted correctly ? Y N ☒ N/A
13. Have correct number of samples been submitted ? ☒ Y N N/A
14. Has sample number been reported in space provided ? ☒ Y N N/A
15. Have all regulated parameters been listed on MR-1 ? ☒ Y N N/A
16. Has sample type been stated on MR-1 ? ☒ Y N N/A
17. Have all samples been taken during this reporting period ? ☒ Y N N/A
18. Has NJDEPE certified lab been used ? ☒ Y N N/A
19. Have analytical results been submitted on copies of Laboratory stationery ? ☒ Y N N/A

- | | | | | |
|-----|---|-------------------------------------|---|-----|
| 20. | Have results been written in space designated on MR-1? | <input checked="" type="checkbox"/> | N | N/A |
| 21. | Have average permit limitations been included on MR-1? | <input checked="" type="checkbox"/> | N | N/A |
| 22. | Have maximum permit limitations been included on MR-1? | <input checked="" type="checkbox"/> | N | N/A |
| 23. | Is method used to preserve samples stated on MR-1? | <input checked="" type="checkbox"/> | N | N/A |
| 24. | If non use statement is made do regulations allow exemptions? | <input checked="" type="checkbox"/> | N | N/A |
| 25. | Has MR-1 been signed by authorized representative ? | <input checked="" type="checkbox"/> | N | N/A |
| 26. | Has information been submitted on proper MR-1 form ? | <input checked="" type="checkbox"/> | N | N/A |
| 27. | Have any and all PVSC samples taken during this month been averaged in with the company samples ? | <input checked="" type="checkbox"/> | N | N/A |

First Reviewer: comments on deficiencies _____

Date Reviewed 12/08 Date sent to user _____
Date due back _____ Reviewer MR _____

Second Review comments on deficiencies _____

Date Reviewed _____ Date sent to user _____
Date due back _____ Reviewer _____
Date ok _____ Reviewer _____

PRETREATMENT MONITORING REPORTNAME: ANDARN ELECTRO SERVICE, INC.MAILING ADDRESS: 72 MICHIGAN AVENUE, PATERSON, NJ 07503

DEC - 5 2008

FACILITY LOCATION: 72 MICHIGAN AVENUE, PATERSON, NJ 07503CATEGORY & SUBPART: 40 CFR 413.44 SP-D, 413.54 SP-E, 413.64 SP-F OUTLET#: 1CONTACT OFFICIAL: DAN PATEL TELEPHONE#: 523-2220NEW CUSTOMER ID / OUTLET ID: 27200053-1

MONITORING PERIOD						AVERAGE	MAXIMUM	
10	1	2008	10	31	2008			
MON	DAY	YR	MON	DAY	YR			
START			END			Method Used: Average Regulated & Average Total flow for this outlet from readings of main water meter & well meter, minus sanitary calculation (from readings of sanitary meter) divided by 23 work days in month. Max = Avg flows + 10%.		
						Regulated flow-gal/day	7,605	8,366
						Total Flow-gal/day	7,605	8,366
Parameter	10-1		Mass or Concentration			No. of Samples	Sample type	
			Mon Avg	Maximum	Units		Comp./grab	
Cd	Sample measurement		<0.001	<0.001	mg/l	1	Comp.	
	Permit requirement		0.19	1.2	"			
Pb	Sample measurement		<0.002	<0.002	"	1	Comp.	
	Permit requirement		0.54	0.6	"			
CN (A)	Sample measurement		< 0.02	< 0.02	"	1	Grab	
CN (A)	Permit requirement		2.7	5.0	"			
Ni	Sample measurement		0.096	N/A	"	1	Comp	
	Permit requirement		5.9	N/A	"			
Zn	Sample measurement		< 0.008	N/A	"	1	Comp	
	Permit requirement		1.67	N/A	"			
Cu	Sample measurement		0.156	N/A	"	1	Comp	
	Permit requirement		3.02	N/A	"			
	Sample measurement							
	Permit requirement							
	Sample measurement							
	Permit requirement							
	Sample measurement							
	Permit requirement							

PVSC Form Mr-1 Rev: 4 6/87 P1.

PRETREATMENT MONITORING REPORT**Certification of Non-use (use additional sheets if necessary) Based on Historical Data.**

"Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment limitation (or pretreatment standard) for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since the filing of the last discharge monitoring report. I further certify that this facility is implementing the solvent management plan submitted to the Passaic Valley Sewerage Commission on May 26, 2005." Andarn Electro Service, Inc. is certifying non-use for Mercury for this month.

Compliance or non-compliance statement with compliance schedule (use additional sheets if necessary) for every parameter used.

Andarn Electro Service, Inc. is in compliance for 40 CFR 413.44 Subpart - D, 40 CFR 413.54

Subpart E, 40 CFR 413.64 Subpart F, PSES, for dischargers of less than 10,000 gpd for

monitoring conducted by the company during this month and as presented in this report. Andarn

Electro Service, Inc. is also in compliance with all PVSC Local Limits.

Explain Method for preserving samples:

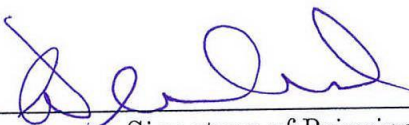
Metal samples were composites that were preserved with HNO₃ to pH < 2.0.

Cyanide sample was a grab which was preserved with NaOH to pH > 12.0.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988

"During this monitoring period, no change has been made to the plot plan submitted to PVSC on 8/15/94."



Signature of Principal
Executive or Authorized Agent

DAN PATEL

Plant Manager
Type Name and Title

11/11/2008
Date

PVSC Form MR-1 Rev. 5 3/91 P2

ANDARN ELECTRO SERVICE - (40CFR 413 and PVSC LOCAL LIMIT MR-1) -
OCTOBER 2008

AVERAGE FLOW CALCULATIONS**23 Work days in month****MAIN CITY METER (TOTAL FLOW)**

825,205 Present Meter Reading

-812,983 Past Meter Reading

12,222 Cubic feet

x7.48

91,421 Gallons MAIN

+96,560 Gallons WELL

187,981 Gallons

x .95 (-5% Evaporation)

178,582 Total gallons of City water used this month

WELL METER (PROCESS))

2363780 Present Meter Reading

-2267220 Past Meter Reading

96,560 Gallons

7,764 GPD = Average Total Flow from facility.
 23 | 178,582.

INTERNAL WATER METER (SANITARY)

219,823 Present Meter Reading

-219,334 Past Meter Reading

489 Cubic Feet

x7.48

3,658 Gallons Total Unregulated Flow

FLOW FOR OUTLET # 27200053-1

178,582 Total Flow

-3,658 Sanitary flow

174,924 Gallons

7,605 GPD = Average Regulated and Total Flow
 23 | 174,924 for OUTLET # 27200053-1

MAXIMUM FLOW CALCULATION (AVERAGE = MAXIMUM + 15%)

7,605 AVERAGE FLOW

x1.10 MAX = AVG +10%

8,366 GPD = MAXIMUM REGULATED and TOTAL FLOW FOR OUTLET # 27200053-1



ANALYTICAL DATA REPORT

for
Andarn Electro-Service
 72 Michigan Ave
 Paterson, NJ 07503

Project Name: PVSC MONITORING
Lab Case Number: E08-11434

MDL = METHOD DETECTION LIMIT

< = LESS THAN THE MDL

General Analytical

Lab ID: 11434-001
 Client ID: 01
 Percent Moisture: 100

Date Sampled: 10/1/2008
 Time Sampled: 07:00

Parameter	Result	MDL	Matrix-Units	Date Analyzed
Cyanide, Amenable	< 0.020	0.020	Aqueous-mg/L	10/7/2008 13:02

Metals

Lab ID: 11434-002
 Client ID: 02
 Matrix-Units: Aqueous-mg/L
 Percent Moisture: 100

Date Sampled: 10/1/2008
 Time Sampled: 16:00
 Date Analyzed: 10/9/08

Parameter	Result	Q	MDL
Cadmium	< 0.001		0.001
Copper	0.156		0.008
Lead	< 0.002		0.002
Nickel	0.096		0.004
Zinc	< 0.008		0.008

General Analytical

Lab ID: 11434-002
 Client ID: 02
 Percent Moisture: 100

Date Sampled: 10/1/2008
 Time Sampled: 16:00

Parameter	Result	MDL	Matrix-Units	Date Analyzed
Biochemical Oxygen Demand	7.00	2.00	Aqueous-mg/L	10/3/2008 13:00
Total Suspended Solids	472	50.0	Aqueous-mg/L	10/6/2008 11:00

ND = Analyzed for but Not Detected at the MDL

These data have been reviewed and accepted by:

Michael H. Leftin
 Michael H. Leftin, Ph.D.
 Laboratory Director

273 Franklin Road
 Randolph, NJ 07869
 Phone: 973 361 4252
 Fax: 973 989 5288



IAL is a NELAC New Jersey Certified Lab (14751) and maintains certification in Connecticut (FH-0699), New York (11402), Rhode Island (00126), Pennsylvania (68-00773) and in the Department of Navy IR QA Program

**INTEGRATED ANALYTICAL LABORATORIES
CHAIN OF CUSTODY**

Phone # (973) 361-4252
Fax # (973) 989-5288

CUSTOMER INFO

Company: ANDARN ELECTRO SERVICE
Address: 72 MICHIGAN AVE.
PATERSON, NJ 07503
Telephone #:
Fax #:
Project Manager:
Sampler: ANDARN PERSONNEL
Project Name: PVSC MONITORING
Project Location (State):
Bottle Order #:
Quote #:

REPORTING INFO

REPORT TO:	ENVIRO-COMP, INC
Address:	PO BOX 3457
	WAYNE, NJ 07474
Attn:	JOHN SABO
FAX #	973-633-7643
INVOICE TO:	ENVIRO-COMP
Address:	PO BOX 3457
	WAYNE, NJ 07474
Attn:	JOHN SABO
PO #	

Sample Matrix

DW - Drinking Water AQ - Aqueous WW - Waste Water
OI - Oil LIQ - Liquid (Specify) OT - Other (Specify)
S - Soil SL - Sludge SOL - Solid W - Wipe

SAMPLE INFORMATION

[illegible]

ANALYTICAL PARAMETERS

[illegible]

	Known Hazard:	Yes or No	Describe:
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			
31.			
32.			
33.			
34.			
35.			
36.			
37.			
38.			
39.			
40.			
41.			
42.			
43.			
44.			
45.			
46.			
47.			
48.			
49.			
50.			
51.			
52.			
53.			
54.			
55.			
56.			
57.			
58.			
59.			
60.			
61.			
62.			
63.			
64.			
65.			
66.			
67.			
68.			
69.			
70.			
71.			
72.			
73.			
74.			
75.			
76.			
77.			
78.			
79.			
80.			
81.			
82.			
83.			
84.			
85.			
86.			
87.			
88.			
89.			
90.			
91.			
92.			
93.			
94.			
95.			
96.			
97.			
98.			
99.			
100.			

Known Hazard: Yes or No **Describe:**

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any

Conc.	Expected:	Low	Med	High
-------	-----------	-----	-----	------

MDL Req: GWOS - SCC - OTHER (SEE COMMENTS)

ambiguities have been resolved.

Signature/Company

Relinquished by:	Signature/Company	Date	Time	Received by:	Signature/Company
Relinquished by:	Carol B. Tuttle	10-2-08	9:00	Received by:	[Signature]
Relinquished by:	[Signature]	10/3/08	12:30	Received by:	[Signature]
Relinquished by:				Received by:	
Relinquished by:				Received by:	
Relinquished by:				Received by:	

Comments:

Lab Case #

PAGE: / of {

PROJECT INFORMATION

Case No. **E08-11434** Project **PVSC MONITORING**Customer **Andarn Electro-Service**

P.O. #

Contact **John Sabo**Received **10/3/2008 12:30**EMail **ENVIRO43@aol.com**☐ EMail EDDsVerbal Due **10/17/2008**

Phone

Fax **(973) 633-7643**Report Due **10/24/2008**Report ToBill To

72 Michigan Ave

Enviro-Comp

Paterson, NJ 07503

P.O. Box 3457

Wayne, NJ 07474-3457

Attn: John Sabo

Attn: John Sabo

Report Format Result Only**Additional Info**☐ State Form☐ Field Sampling☐ Conditional VOA

Lab ID	Client Sample ID	Depth Top / Bottom	Sampling Time	Matrix	Unit	# of Containers
11434-001	01	n/a	10/1/2008@07:00	Aqueous	ug/L	1
11434-002	02	n/a	10/1/2008@16:00	Aqueous	ug/L	2

Sample #	Tests	Status	QA Method
001	Cyanide, Amenable	Run	4500CNC
002	Cadmium - Cd	Run	200.8
"	Copper - Cu	Run	200.8
"	Lead - Pb	Run	200.8
"	Nickel - Ni	Run	200.8
"	Zinc - Zn	Run	200.8
"	BOD	Run	5210B
"	TSS (Suspended)	Run	2540D

INTEGRATED ANALYTICAL LABORATORIES, LLC

SAMPLE RECEIPT VERIFICATION

CASE NO: E 08

11434

CLIENT:

Andarn Electro

COOLER TEMPERATURE: 2° - 6°C: ☒

(See Chain of Custody)

Comments

COC: COMPLETE / INCOMPLETE

KEY

☒ = YES/NA
☒ = NO

- ☒ Bottles Intact
- ☒ no-Missing Bottles
- ☒ no-Extra Bottles

- ☒ Sufficient Sample Volume
- ☒ no-headspace/bubbles in VOs
- ☒ Labels intact/correct
- ☒ pH Check (exclude VOs)¹
- ☒ Correct bottles/preservative
- ☒ Sufficient Holding/Prep Time¹

☐ Sample to be Subcontracted

¹ All samples with "Analyze Immediately" holding times will be analyzed by this laboratory past the holding time. This includes but is not limited to the following tests: pH, Temperature, Free Residual Chlorine, Total Residual Chlorine, Dissolved Oxygen, Sulfite.

ADDITIONAL COMMENTS:

SAMPLE(S) VERIFIED BY:

INITIAL

DATE

10/3/08

CORRECTIVE ACTION REQUIRED:

YES

☐

(SEE BELOW)

NO

☐

CLIENT NOTIFIED:

YES

☐

Date/ Time:

NO

☐

PROJECT CONTACT:

SUBCONTRACTED LAB:

DATE SHIPPED:

ADDITIONAL COMMENTS:

VERIFIED/TAKEN BY:

INITIAL

ES

DATE

10/3

REV 02/05

Laboratory Custody Chronicle

IAL Case No.

E08-11434

Client Andam Electro-ServiceProject PVSC MONITORINGReceived On 10/ 3/2008@12:30**Department: Metals**

			<u>Prep. Date</u>	<u>Analyst</u>	<u>Analysis Date</u>	<u>Analyst</u>
Cadmium - Cd	11434-002	Aqueous	10/ 8/08	Lisa	10/ 9/08	Helge
Copper - Cu	-002	Aqueous	10/ 8/08	Lisa	10/ 9/08	Helge
Lead - Pb	-002	Aqueous	10/ 8/08	Lisa	10/ 9/08	Helge
Nickel - Ni	-002	Aqueous	10/ 8/08	Lisa	10/ 9/08	Helge
Zinc - Zn	-002	Aqueous	10/ 8/08	Lisa	10/ 9/08	Helge

Department: Wet Chemistry

			<u>Prep. Date</u>	<u>Analyst</u>	<u>Analysis Date</u>	<u>Analyst</u>
BOD	-002	Aqueous	n/a	n/a	10/ 3/08@13:00	Kris
Cyanide, Amenable	-001	Aqueous	n/a	n/a	10/ 7/08	jessica
TSS (Suspended)	-002	Aqueous	n/a	n/a	10/ 6/08	Kam

Review and Approval:

